

b)

**PATENT ABSTRACTS OF JAPAN**

(11)Publication number : 10-045438

(43)Date of publication of application : 17.02.1998

(51)Int.Cl.

C03C 27/12  
B32B 17/10

(21)Application number : 08-200042

(71)Applicant : SEKISUI CHEM CO LTD

(22)Date of filing : 30.07.1996

(72)Inventor : HATTORI TSUYOSHI

**(54) PRODUCTION OF LAMINATED GLASS****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To obtain laminated glass excellent in blocking resistance, handleability and degassing performance of a middle layer and not causing optical strain by using a specified laminated resin film as the middle layer.

**SOLUTION:** At least an underside of a laminated resin film composed of at least two resin films (A), (B) including the outermost resin film of 45 to <200 $\mu$ m thickness is finely embossed to 20-40 $\mu$ m surface roughness to form a middle layer. This middle layer is held between transparent glass sheets and they are subjected to preliminary press bonding and concluding press bonding. The resin film A composed of PVAc contg. 5-8mol% vinyl acetate obtd. by modifying PVA to acetal with 4-6C aldehyde and a plasticizer. The resin film B consists of PVAc contg.  $\leq$ 4mol% vinyl acetate obtd. by modifying PVA to acetal with 3 or 4C aldehyde and a plasticizer. The preliminary press bonding is carried out at a temp. below the outflow start temp. of at least one of the resin films.

**LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind-of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office